

# TRANSMITTAL FORM

|                           |                  |
|---------------------------|------------------|
| Application Serial Number | 09/422,999       |
| Filing Date               | October 22, 1999 |
| First Named Inventor      | Kawasaki et al.  |
| Group Art Unit            | 1646             |
| Examiner Name             | Joseph F. Murphy |
| Attorney Docket No.       | MIT-103          |
| Patent No.                | Not applicable   |
| Issue Date                | Not applicable   |

## ENCLOSURES (check all that apply)

|  |  |   |
|--|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input checked="" type="checkbox"/> Check Attached<br><input type="checkbox"/> Copy of Fee Transmittal Form<br><br><input checked="" type="checkbox"/> Amendment/Response<br><input type="checkbox"/> Preliminary<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets]<br><br><input checked="" type="checkbox"/> Petition for Extension of Time<br><br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Form PTO-1449<br><input type="checkbox"/> Copies of IDS Citations<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><br><input type="checkbox"/> Sequence Listing submission<br><input type="checkbox"/> Paper Copy/CD<br><input type="checkbox"/> Computer Readable Copy<br><input type="checkbox"/> Statement verifying identity of above | <input type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553)<br><br><input type="checkbox"/> Formal Drawing(s)<br><br><input type="checkbox"/> Request For Continued Examination (RCE) Transmittal<br><br><input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)<br><br><input type="checkbox"/> Terminal Disclaimer<br><br><input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application<br><br><input type="checkbox"/> Small Entity Statement<br><br><input type="checkbox"/> CD(s) for large table or computer program<br><br><input type="checkbox"/> Amendment After Allowance<br><br><input type="checkbox"/> Request for Certificate of Correction<br><input type="checkbox"/> Certificate of Correction (in duplicate) | <input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences<br><br><input type="checkbox"/> Appeal Brief (in triplicate)<br><br><input type="checkbox"/> Status Inquiry<br><br><input checked="" type="checkbox"/> Return Receipt Postcard<br><input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8<br><br><input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8<br><br><input type="checkbox"/> Additional Enclosure(s) (please identify below) |
|--|--|---|

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## CORRESPONDENCE ADDRESS

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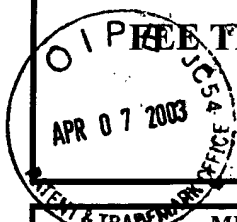
## SIGNATURE BLOCK

Respectfully submitted,  
  
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**FREE TRANSMITTAL**  
FY 2003

|                           |                |
|---------------------------|----------------|
| Complete if Known         |                |
| Application Serial Number | 09/422,999     |
| Filing Date               | 10/22/99       |
| First Named Inventor      | Kawasaki       |
| Group Art Unit            | 1646           |
| Examiner Name             | Murphy, Joseph |
| Attorney Docket No.       | MIT-103        |

**METHOD OF PAYMENT**

- ☒ Payment Enclosed:  
☒ Check ☐ Money Order ☐ Other
- ☒ The Commissioner is hereby authorized to credit or charge any fee indicated below for this submission to Deposit Account No. 20-0531.  
☐ Required Fees (copy of this sheet enclosed).  
☒ Additional fee required under 37 CFR 1.16 and 1.17.  
☒ Overpayment Credit.
- ☒ Applicant claims small entity status.

**FEE CALCULATION**

**1. FILING FEE**

| Large Entity |                        |  |  |          |
|--------------|------------------------|--|--|----------|
| Fee (\$)     | Fee Description        |  |  | Fee Paid |
| 750          | Utility filing fee     |  |  |          |
| 330          | Design filing fee      |  |  |          |
| 160          | Provisional filing fee |  |  |          |
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**2. AMENDMENT CLAIM FEES**

| Claims Remaining After Amend. | Highest No. Previously Paid For | Present Extra | Rate         | Fee Paid   |
|-------------------------------|---------------------------------|---------------|--------------|--|
| Total                         | -                               | =             | x \$ 18.00 = |  |
| Indep.                        | -                               | =             | x \$ 84.00 = |  |
|                               |                                 |               |              | First Presentation of Multiple Dep. Claim + \$280.00 = |
|                               |                                 |               |              | TOTAL: (\$)  |
|                               |                                 |               |              | SMALL ENTITY DISCOUNT: (\$)                            |
|                               |                                 |               |              | SUBTOTAL (2) (\$)                                      |

**FEE CALCULATION (continued)**

**3. ADDITIONAL FEES**

| Large Entity Fee (\$) | Small Entity Fee (\$) | Fee Description  | Fee Paid |
|-----------------------|-----------------------|--|----------|
| 130                   | 65                    | Surcharge - late filing fee or oath                            |          |
| 50                    | 25                    | Surcharge - late provisional filing fee or cover sheet         |          |
| 130                   | 130                   | Non-English specification                                      |          |
| 2,520                 | 2,520                 | Request for ex parte reexamination                             |          |
| 110                   | 55                    | Extension for reply within first month                         | 55.00    |
| 410                   | 205                   | Extension for reply within second month                        |          |
| 930                   | 465                   | Extension for reply within third month                         |          |
| 1450                  | 725                   | Extension for reply within fourth month                        |          |
| 1970                  | 985                   | Extension for reply within fifth month                         |          |
| 320                   | 160                   | Notice of Appeal   |          |
| 320                   | 160                   | Filing a brief in support of an appeal                         |          |
| 280                   | 140                   | Request for oral hearing                                       |          |
| 130                   | 130                   | Petitions to the Commissioner                                  |          |
| 180                   | 180                   | Submission of Information Disclosure Statement                 |          |
| 750                   | 375                   | Filing a submission after final rejection (37 CFR 1.129(a))    |          |
| 750                   | 375                   | For each additional invention to be examined (37 CFR 1.129(b)) |          |
| 100                   | 100                   | Certificate of Correction for applicant's error                |          |
|                       |                       | Other fee (Specify)  |          |
|                       |                       | Other fee (Specify)  |          |

**SUBTOTAL (3) (\$ 55.00)**

|              |       |
|--------------|-------|
| SUBTOTAL (1) | 0.00  |
| SUBTOTAL (2) | 0.00  |
| SUBTOTAL (3) | 55.00 |

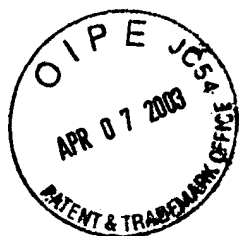
**TOTAL (\$ 55.00)**

**CORRESPONDENCE ADDRESS**

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 Reg. No.: 43,526  
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 Respectfully submitted,  
  
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 Boston, MA 02110



1646/14  
**PATENT**  
Attorney Docket No. MIT-103

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANTS: Kawasaki et al.  
SERIAL NO.: 09/422,999 GROUP NO.: 1646  
FILING DATE: October 22, 1999 EXAMINER: Murphy J.  
TITLE: Genes Integrating Signal Transduction Pathways

**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8**

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to Commissioner for Patents, Washington, DC 20231 on this 1st day of April, 2003.

*Wendy Martin*  
Wendy Martin

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Submitted herewith are Transmittal Form (1 page); Fee Transmittal (1 page); Amendment and Response (7 pgs.); Petition for 1-Month Extension of Time (1 pg.); check in the amount of \$55.00 and a Return Receipt Postcard.

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